



2005 Weather Crop 15

Issued 3:00 P.M. 07/11/2005

Week Ending July 10, 2005

ANOTHER HOT, DRY WEEK FOR MIDDLE AND WEST TENNESSEE

Dry, hot weather continued to be the story over the middle and western portions of the State last week. Despite scattered showers, crops in these areas, especially corn, began to show the effects of moisture stress. Most crops are holding their own and remain in mostly fair-to-good condition. Hoped-for rain in sufficient quantities may be forthcoming as the remnants of Hurricane Dennis are forecast to bring ample moisture to much of Middle and West Tennessee. East Tennessee was the benefactor of Tropical Storm Cindy that brought much needed rain and cooler temperatures to that area of the State last week. Crops and pastures in that region responded favorably to the rains and maintain good yield prospects. Primary farming activities last week included pesticide applications, scouting for insects and disease, tobacco topping, and vegetable harvest. Wheat harvest was also completed. There were 6 days considered suitable for fieldwork last week. As of Friday, topsoil moisture levels were rated 17 percent very short, 39 percent short, 42 percent adequate, and 2 percent surplus. Subsoil moisture levels were rated 14 percent very short, 40 percent short, 45 percent adequate, and 1 percent surplus. Last week, temperatures averaged near normal across the entire State.

CROP PROGRESS: Through July 10, 2005					CONDITION: On July 8, 2005					
Crop	This Week	Last Week	2004	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Exc
Percent					Percent					
Corn - Silking or Beyond	78	57	90	87	Corn	7	16	31	40	6
Corn - Dough	14	n/a	19	14	Cotton	1	7	22	57	13
Cotton Squaring	97	94	98	90	Tobacco	3	6	30	54	7
Cotton Setting Bolls	27	13	26	23	Pastures	3	16	41	37	3
Soybeans - Emerged	98	95	96	95	Soybeans	5	12	31	44	8
Soybeans - Blooming	56	38	20	18						
Soybeans - Setting Pods	18	n/a	02	03						
Alfalfa Hay - 2 nd Cutting	73	60	53	71						

n/a = not available

CORN: As of Sunday, over three-fourths of the corn acreage had reached the silking stage. Dry, hot conditions in Middle and West Tennessee have caused a mild decline in the crop condition.

COTTON: Nearly all of the State’s cotton was squaring by week’s end. Over a quarter of the acreage was setting bolls at a pace slightly ahead of normal. The crop was rated in mostly good condition. Insects remained a nuisance.

SOYBEANS: Soybean development continued its blistering pace with over half of the acreage already blooming, more than two weeks ahead of the normal schedule. The crop remained in mostly good-to-fair condition. Some spraying of fungicides was occurring as a precautionary measure for rust.

TOBACCO: Some of the State’s tobacco growers began topping plants last week. Also, irrigation has begun on a limited basis. Despite disease and insect pressure, the crop was rated in mostly good condition.

PASTURES & HAY: Pastures continued to decline last week, but remain in mostly fair condition. Nearly three-fourths of the alfalfa acreage has been cut a second time.

County Agent Comments

“Despite as much as 1" of rain in some areas of the county, crops are still suffering from the lack of moisture.”
- Clint H. Bain, Dyer County

“Another hot, dry week!”
- Jeff Lannon, Weakley County

“Rains from remnants of Tropical Storm Cindy were a huge help. Crops are looking much better. What a difference rain makes!”
- Mannie Bedwell, Hamblen County

LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending July 10, 2005				Current Week	Rain	Current Since	Departure From		
	HI	LO	AVG	DFN	07/10/05	Days	January 1	Normal	Total	DFN
Ames_Plantation	95	67	79	+1	2.23	2	30.53	+1.10	1025	-29
Tri-City_RGNL_A	87	60	72	-2	2.33	4	23.67	+1.23	648	+5
Brownsville_TN	95	66	80	+0	0.98	4	24.82	-4.62	1112	+236
Chattanooga/Lov	90	66	78	-2	1.69	4	27.72	-1.74	980	+46
Clarksville_Sew	93	66	80	+2	0.10	2	23.78	-3.85	1014	+123
Cookeville	91	62	76	+0	0.13	2	24.64	-6.29	754	+246
Covington	94	66	78	-3	3.46	3	25.87	-3.28	1006	-54
Crossville_AP	85	60	73	-1	1.98	5	25.39	-5.29	671	+78
Dickson_AG	91	64	77	+0	0.38	1	25.77	-4.06	782	-155
Dover_1W	91	65	78	+2	0.38	1	23.78	-4.97	904	+123
Dyersburg	95	64	79	-2	0.53	2	23.76	-3.92	1133	-8
Erwin_1W	87	58	72	+1	2.61	4	25.79	-0.86	574	-214
Huntingdon_Wate	94	65	79	+1	0.21	1	25.21	-3.79	965	+132
Jackson_Exp_Stn	93	66	79	+1	1.66	3	30.08	+0.71	1034	+38
Kingston_AG	88	64	75	-1	1.10	3	29.22	-2.72	784	+84
Knoxville_AP	91	61	75	-2	3.09	5	23.46	-3.22	883	+90
Lewisburg	94	63	78	+2	0.61	1	24.78	-5.62	839	+34
Lexington_TN	92	66	79	+1	0.82	3	26.17	-1.95	912	+368
Linden	95	65	79	+3	0.32	3	22.94	-8.08	888	+65
Martin	93	64	79	+1	0.32	1	22.36	-6.66	986	+38
Mc_Minnville_Tn	89	64	77	+1	1.34	5	22.22	-7.50	885	-185
Memphis_AG	97	68	80	-3	2.94	1	25.90	-2.80	1126	-154
Milan	95	64	78	+0	1.51	3	25.91	-4.07	962	+36
Murfreesboro_5N	96	64	80	+3	1.45	5	25.64	-3.38	920	-149
Nashville_Metro	96	69	81	+3	0.27	3	23.09	-3.24	1064	+79
Newcomb	91	61	74	+2	1.05	4	25.33	-4.49	688	+149
Oneida	88	61	74	+2	0.85	5	25.68	-4.14	710	-169
Pikeville	88	64	76	-2	1.12	2	21.12	-8.53	816	+35
Portland_TN	93	67	79	+4	0.00	0	24.41	-4.34	921	+137
Pulaski_Water_P	93	65	78	+0	0.05	2	25.78	-4.73	815	-188
Savannah_6SW	94	65	79	-1	0.80	1	27.02	-5.12	970	+111
Sparta_TN	93	63	78	+3	1.01	3	25.20	-4.88	909	+231
Springfield	93	64	78	+3	0.07	1	24.31	-3.27	887	+93
Springhill	93	66	79	+3	0.97	3	29.18	-1.44	888	+102
Union_City	93	62	78	-1	0.36	1	25.85	-2.84	923	-3
Waynesboro_TN	91	66	78	+3	0.32	1	24.28	-7.81	833	-125

Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches.

Copyright 2004: AWIS, Inc. All Rights Reserved

The Tennessee Agricultural Statistics Service gratefully acknowledges contributions to this publication by:
National Weather Service, and the University of Tennessee's Extension Service.